

FIG. 1

Start of β hCG transcription

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      LH4                      C                                     C
CG5          ..... tta aat cca gca ctt tgc tcg ggt cac ggc ctg ctg ctg gct
CG6          ... .g. .... .. -C. .... .. .. .. .. .. .. .. .. .T.
CG7          ... .g. .... .. -T. .... .. .. .. .. .. .. .. .. .T.
Endo                                               C CTG GTT
              -360                                -330

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LH4	A				T				C				T							
CG5	CCC	AGG	ACC	CCA	CCA	TAG	GCA	GAG	GCA	GGC	CTT	CCT	ACA	CCC	TAC	TCC	CTG	TGC	CTC	CAG
CG6	...	A.	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	...
CG7	...	A.	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	...
Endo	CCC	AAG	ACC	CCA	CCA	TAG	GCA	GAG	GCA	GGC	CTT	CCT	ACA	CCC	TAC	TCT	CTG	TGC	CTC	CAG

LH4	C	G										A										T										T									
CG5	GCT	CGA	CTA	GTC	CCT	AGC	ACT	CGA	CGA	CTG	AGT	CTC	TGA	GAT	CAC	TTC	ACC	GTG	GTC	TCC																					
CG6	C..	...	...	...	...	.A.	...	...	...	...	...	...	A..	.G.	...	...	...	...	...	...															
CG7	C..	...	...	...	...	.G.	...	...	...	...	...	...	A..	...	...	...	...	...	...	...														
Endo	CCT	CGA	CTA	GTC	CCT	AGC	ACT	CGA	CGA	CTG	AGT	CTC	AGA	GGT	GAC	TTC	ACC	GTG	GTC	TCC																					

-240

-21

[illegible][illegible]

LH4	G	TC	C	A
CG5	CCA G-C ATC CTA CAA CCT CCT GGT GGC CTT GCC GCC CCC ACA ACC CCG AGG TAT AAA GCC			
CG6	... ..	... ..	... ..	... ..
CG7	... ..	... ..	... ..	... ..
Endo	CCA G-C ATC CTA CAA CCT CCT GGT GGC CTT GGC GCC CCC ACA AMC CCG AGG TAT AAA GCC			

LH											leu											
hCG											met	glu	met	phe	gln	gly	leu	leu	leu	leu		
LH4	A	G			T			C														
CG5	AGG	TAC	ACG	AGG	CAG	GGG	ACG	CAC	CAA	GG	ATG	GAG	ATG	TTC	CAG	GGG	CTG	CTG	CTG	TTG		
CG6	...	...	..C	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
CG7	...	...	..C	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Endo	AGG	TAC	ACC	AGG	CAG	GGG	ACG	CAC	CAA	GG	ATG	GAG	ATG	TTC	CAG	GGG	CTG	CTG	CTG	TTG		
											-1	+1										
																					+30	

LH	ala										arg			pro			trp			his	
hCG	leu	leu	leu	ser	met	gly	gly	thr	trp	ala	ser	lys	glu	pro	leu	arg	pro	arg	cys	arg	
LH4							G					G		G			T		A		
CG5	CTG	CTG	CTG	AGC	ATG	GGC	GGG	ACA	TGG	GCA	TCC	AAG	GAG	CCG	CTT	CGG	CCA	CGG	TGC	CGC	
CG6	...	...	...	...	...	...	...	...	...	...	...	.A.	...	CCA	...	...	...	...	...	...
CG7	...	...	...	...	...	...	...	...	...	...	...	.G.	...	ATG	...	...	...	...	...	...
Endo	CTG	CTG	CTG	AGC	ATG	GGC	GGG	ACA	TGG	GCA	TCC	AGG	GAG	ATG	CTT	CGG	CCA	CGG	TGC	CGC	
										+60		lys/arg		met						+90	

[illegible]

FIG. 1 (cont...)

[illegible]